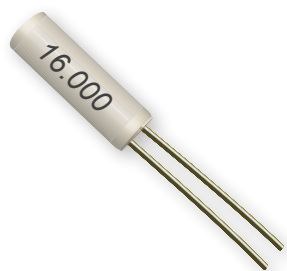


# Mhz Cylinder Crystal Fork3080



AURUM INTERNATIONAL LTD.



## Electrical Specification

| Item                                | Unit | Specification            |
|-------------------------------------|------|--------------------------|
| Dimensions ( D x L )                | mm   | Ø3.0 x 8.0               |
| Nominal Frequency                   | MHz  | Fundamental              |
|                                     |      | 3.50 ~ 35.00             |
|                                     |      | 3'rd Overtone            |
|                                     |      | 35.00 ~ 70.00            |
| Frequency Tolerance at 25 deg.C     | ppm  | ±20, ±30 max. or Specify |
| Frequency Stability Vs. Temperature | ppm  | ±20, ±30 max. or Specify |
| Load Capacitance                    | pF   | 10, 12, 16, or Specify   |
| Operating Temperature Range         | °C   | -10 ~ 60, -20 ~ 70       |
| Drive Level                         | uW   | 10 typ. / 100 max.       |
| Shunt Capacitance                   | pF   | 5.0 max.                 |
| Aging ( First year)                 | ppm  | ±3.0 max.                |

## Equivalent Series Resistance(ESR)

| Fundamental             | 3'rd overtone            |
|-------------------------|--------------------------|
| 3.50~5.00 MHz 150Ω Max  | 35.00~50.00 MHz 100Ω Max |
| 5.01~10.00 MHz 100Ω Max | 50.01~70.00 MHz 80Ω Max  |
| 10.01~20.00 MHz 50Ω Max |                          |
| 20.01~35.00 MHz 40Ω Max |                          |

## Mechanical

